



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/770,169A

DATE: 11/21/2002

TIME: 11:20:53

Input Set : A:\UC053.001A.2.txt

Output Set: N:\CRF4\11212002\I770169A.raw

4 <110> APPLICANT: Saxon, Andrew
5 Zhang, Ke
6 <120> TITLE OF INVENTION: IMMUNOGLOBULIN CLASS SWITCH
7 RECOMBINATION
10 <130> FILE REFERENCE: JC053.001A
11 <140> CURRENT APPLICATION NUMBER: 09/770,169A
C--> 13 <141> CURRENT FILING DATE: 2002-11-04
15 <160> NUMBER OF SEQ ID NOS: 108
16 <21> SOFTWARE: FastSEQ for Windows Version 4.0
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 17
19 <212> TYPE: DNA
20 <213> ORGANISM: Artificial Sequence
21 <214> FEATURE:
22 <215> OTHER INFORMATION: Artificial Sequence = synthetic peptide
23 <216> SEQUENCE: 1
24 actatccggcc cggccggatc accggag
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 11
32 <212> TYPE: DNA
33 <213> ORGANISM: Artificial Sequence
34 <214> FEATURE:
35 <215> OTHER INFORMATION: Artificial Sequence = synthetic peptide
36 <216> SEQUENCE: 2
37 actatccgtt cggatgtggct ctacactccc t
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 27
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
45 <214> FEATURE:
46 <215> OTHER INFORMATION: Artificial Sequence = synthetic peptide
47 <216> SEQUENCE: 3
48 ctatggacctt tattcccgta gt
52 <210> SEQ ID NO: 4
53 <211> LENGTH: 24
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
56 <214> FEATURE:
57 <215> OTHER INFORMATION: Artificial Sequence = synthetic peptide
58 <216> SEQUENCE: 4
59 cggatggatcc agttttatcatt ggtc
63 <210> SEQ ID NO: 5
64 <211> LENGTH: 28

ENTERED

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65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Artificial Sequence = synthetic peptide
71 <400> SEQUENCE: 5
72 attcagatgg ct aactgag cctaaatct 28
74 <213> SEQ ID NO: 6
75 <211> LENGTH: 16
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Artificial Sequence = synthetic peptide
81 <400> SEQUENCE: 6
82 atttccagg tt ccggga ggtgtg 26
84 <213> SEQ ID NO: 7
85 <211> LENGTH: 14
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Artificial Sequence = synthetic peptide
90 <400> SEQUENCE: 7
91 gatgtatgc taatccgtc aact 24
92 <213> SEQ ID NO: 8
93 <211> LENGTH: 13
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Artificial Sequence = synthetic peptide
104 <400> SEQUENCE: 8
105 acgttcatg cttatggact cacactccct 30
106 <213> SEQ ID NO: 9
108 <211> LENGTH: 18
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Artificial Sequence = synthetic peptide
115 <400> SEQUENCE: 9
116 aggtttttt gttttttttt atcacagt 28
118 <213> SEQ ID NO: 10
119 <211> LENGTH: 27
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Artificial Sequence = synthetic peptide
126 <400> SEQUENCE: 10
127 caacatcc tc caaccaggca gaagtat 27
129 <213> SEQ ID NO: 11
130 <211> LENGTH: 29
131 <212> TYPE: DNA

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132 <21> ORGANISM: Artificial Sequence
134 <20> FEATURE:
1-5 <22> OTHER INFORMATION: Artificial Sequence = synthetic peptide
1-7 <40> SEQUENCE: II
1-8 <22> SEQUENCE: ct'adactgaa'acacccctg
140 <21> SEQ ID NO: 12
141 <21> LENGTH: 17
142 <21> TYPE: DNA
143 <21> ORGANISM: Artificial Sequence
145 <21> FEATURE:
146 <21> OTHER INFORMATION: Artificial Sequence = synthetic peptide
147 <40> SEQUENCE: III
148 <21> SEQUENCE: acgtccatccccatccatcactggaaq
149 <21> SEQ ID NO: 13
150 <21> LENGTH: 17
151 <21> TYPE: DNA
152 <21> ORGANISM: Artificial Sequence
153 <21> FEATURE:
154 <21> OTHER INFORMATION: Artificial Sequence = synthetic peptide
155 <21> SEQUENCE: IV
156 <21> SEQUENCE: daaucccaaca gggaaq
157 <21> SEQ ID NO: 14
158 <21> LENGTH: 17
159 <21> TYPE: DNA
160 <21> ORGANISM: Artificial Sequence
161 <21> FEATURE:
162 <21> OTHER INFORMATION: Artificial Sequence = synthetic peptide
163 <40> SEQUENCE: 14
164 <21> SEQUENCE: acgttttgttgc acgttttgttgc a
165 <21> SEQ ID NO: 15
166 <21> LENGTH: 16
167 <21> TYPE: DNA
168 <21> ORGANISM: Artificial Sequence
169 <21> FEATURE:
170 <21> OTHER INFORMATION: Artificial Sequence = synthetic peptide
171 <40> SEQUENCE: 15
172 <21> SEQUENCE: agaaatggatgtg acccaa
173 <21> SEQ ID NO: 16
174 <21> LENGTH: 14
175 <21> TYPE: DNA
176 <21> ORGANISM: Artificial Sequence
177 <21> FEATURE:
178 <21> OTHER INFORMATION: Artificial Sequence = synthetic peptide
179 <40> SEQUENCE: 16
180 <21> SEQUENCE: tttagacaaag ggaaatgtct catt
181 <21> SEQ ID NO: 17
182 <21> LENGTH: 19
183 <21> TYPE: DNA
184 <13> ORGANISM: Artificial Sequence

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200 <2200> FEATURE:
201 <2230> OTHER INFORMATION: Artificial Sequence = synthetic peptide
203 <100> SEQUENCE: 17
204 tataccatgc aqaactcagt ttuaatcac 29
205 <2100> SEQ ID NO: 15
206 <2110> LENGTH: 12
207 <2120> TYPE: DNA
208 <2130> ORGANISM: Artificial Sequence
209 <2140> FEATURE:
210 <2230> OTHER INFORMATION: Artificial Sequence = synthetic peptide
211 <400> SEQUENCE: 14
212 gccccgtt a atttacatca ac 22
213 <2100> SEQ ID NO: 19
214 <2110> LENGTH: 40
215 <2120> TYPE: DNA
216 <2130> ORGANISM: Homo sapiens
217 <400> SEQUENCE: 14
218 t tggttcggc tgggttggc tgggttggc tgggttggc 40
219 <2100> SEQ ID NO: 20
220 <2110> LENGTH: 40
221 <2120> TYPE: DNA
222 <2130> ORGANISM: Homo sapiens
223 <400> SEQUENCE: 21
224 t gggttggc tgggttggc gaaggccgga ccaacggggg 40
225 <2100> SEQ ID NO: 21
226 <2110> LENGTH: 49
227 <2120> TYPE: DNA
228 <2130> ORGANISM: Homo sapiens
229 <400> SEQUENCE: 21
230 tgggttggc tgggttggc gtggcgacac gagcaaggaa 39
231 <2100> SEQ ID NO: 22
232 <2110> LENGTH: 40
233 <2120> TYPE: DNA
234 <2130> ORGANISM: Homo sapiens
235 <400> SEQUENCE: 21
236 taacaggct caatgggtt gagctgagct gaactgggt 40
237 <2100> SEQ ID NO: 23
238 <2110> LENGTH: 40
239 <2120> TYPE: DNA
240 <2130> ORGANISM: Homo sapiens
241 <400> SEQUENCE: 23
242 taacaggct caatgggtt ggcaggagct ggttagttgc 40
243 <2100> SEQ ID NO: 24
244 <2110> LENGTH: 40
245 <2120> TYPE: DNA
246 <2130> ORGANISM: Homo sapiens
247 <400> SEQUENCE: 24
248 taatcagttt cttttttt ggcaggagct ggttagttgc 40
249 <2100> SEQ ID NO: 25

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VERIFICATION SUMMARY

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I:18 M:271 C: Current Filing Date differs, replaced Current Filing Date